AMENDMENTS TO THE CLAIMS

Listing of claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently amended): A lubricant for water-based metal working oil containing polyether (E) represented by the following general formula (1) and having an HLB of 6.1 to 16.0 and a weight-average molecular weight of 500 to 10,000

$$R^1[\{(OCH_2CH_2CH_2CH_2)_m/(OA^1)_n\}(OA^2)_p\text{-}OH]_q \qquad (1)$$

[in the general formula (1), R^1 denotes a residue such that at least one hydroxyl group is removed from a compound with a carbon number of 1 to 24 having 1 to 6 hydroxyl group(s);

A^1 and A^2 each denotes an ethylene group or a 1,2-propylene group;

m denotes an integer of 1 or more having an average of 1 to 120;

n and p each denotes an integer of 0, 1 or more such that an average of (n+p) is 1 to 200, n or p is 0, and n and p are not simultaneously 0;

q denotes an integer of 2 or 3 ~~1 to 6~~; and

$\{(OCH_2CH_2CH_2CH_2)_m/(OA^1)_n\}$ in a case where n is an integer of 1 or more denotes a random addition ~~bond~~].

2. (Cancelled)

3. (Currently amended): The lubricant according to Claim 1,

wherein R^1 in the general formula (1) is a residue ~~such that all hydroxyl groups are removed from~~ of dihydric or trihydric alcohol wherein all hydroxyl groups are removed.

4. (Previously Presented): The lubricant according to Claim 1,

wherein A^2 in the general formula (1) is an ethylene group.

5. (Previously Presented): The lubricant according to Claim 1,

wherein m/(m+n+p) in the general formula (1) is 0.05 to 0.8.

6. (Currently Amended): A lubricant composition for water-based metal working oil

~~which comprises the polyether (E) according to Claim 1, and~~ comprising:

polyether (E) represented by the following general formula (1) and having an HLB of 6.1 to 16.0 and a weight-average molecular weight of 500 to 10,000

$$R^1[\{(OCH_2CH_2CH_2CH_2)_m/(OA^1)_n\}(OA^2)_p\text{-}OH]_q \quad (1)$$

[in the general formula (1), R^1 denotes a residue such that at least one hydroxyl group is removed from a compound with a carbon number of 1 to 24 having 1 to 6 hydroxyl group(s);

A^1 and A^2 each denotes an ethylene group or a 1,2-propylene group;

m denotes an integer of 1 or more having an average of 1 to 120;

n and p each denotes an integer of 0, 1 or more such that an average of (n+p) is 1 to 200, n or p is 0, and n and p are not simultaneously 0;

q denotes an integer of 2 or 3; and

$\underline{\{(OCH_2CH_2CH_2CH_2)_m/(OA^1)_n\}}$ in a case where n is an integer of 1 or more denotes a random addition]; and

other additives

wherein the other additives comprise aliphatic carboxylic acid with a carbon number of 8 to 22 and/or a salt thereof (F), and

wherein the weight ratio of (F) to (E) is 0.03 to 5.0.

7. (Cancelled).

8. (Cancelled).

9. (Currently Amended): The lubricant composition according to Claim 6, ~~which contains, as~~ wherein the other additives~~, one kind or more~~ further include at least one additive selected from the group consisting of an antioxidant, an extreme-pressure additive, a rust preventive and an antifoaming agent.

10. (Currently Amended): The lubricant composition according to Claim 6, which does not contain hydrocarbon oil as the other additives.

11. (Currently amended): A water-based metal working oil comprising water and the lubricant ~~or the lubricant composition~~ according to Claim 1,

wherein said water-based metal working oil ~~containing~~ contains polyether (E) in 0.01 to 95 weight % ~~in quantity on a basis of a~~ based on the weight of said metal working oil.

12. (Original): The water-based metal working oil according to Claim 11, which is of solution type or soluble type.

13. (Currently Amended): The water-based metal working oil according to Claim 11, which is capable of being employed in [[for]] working aluminum, aluminum alloy, iron and/or steel.

14. (New): A water-based metal working oil comprising water and the lubricant composition according to claim 6, wherein said water-based metal working oil contains polyether (E) in 0.01 to 95 weight % based on the weight of said metal working oil.

15. (New): The water-based metal working oil according to claim 14, which is of solution type or soluble type.

16. (New): The water-based metal working oil according to claim 14, which is capable of being employed in working aluminum, aluminum alloy, iron and/or steel.